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15 East Main Street, P.O. Box 3 Richmond, Vermont 05477 www.atc-enviro.com 802.434.2113 Fax 802.434.2160

#### **Browns Trace Building**

December 20, 1999

Mr. Brian Lee White Mountain Auto Broker 466 Lancaster Rd. Whitefield, NH 03598

Re:

Phase II Environmental Site Assessment

1733 Memorial Dr., Former South Main Accessories Site

St. Johnsbury (Center), Vermont

ATC Project #18944-00003

Dear Brian:

Please find enclosed the Phase II Environmental Site Assessment report prepared by ATC Associates Inc. (ATC) for the above-referenced site. The report details field activities conducted on November 3, 1999.

As per Vermont Department of Environmental Conservation (VT DEC) policy, a copy of this report has been forwarded to Mr. Chuck Schwer of the VT DEC Sites Management Section. Mr. Schwer is the project manager for the site and will review the report and our recommendations prior to issuing a notification of additional required work at the site.

Please feel free to contact us at 434-2113 with any questions or concerns pertaining to this project. Thank you for selecting ATC Associates Inc. for your environmental consulting needs.

Sincerely,

ATC ASSOCIATES INC.

Mark Fuller

Project Manager

Kephen Znamierowski Senior Project Manager

attachment

cc:

Chuck Schwer, SMS

MF/imh/18944 White Mtn. Auto/18944-00003 PCF Phase II/Report/18944-00003 report cvr ltr





**Browns Trace Building** 

Prepared for:

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Mr. Brian Lee White Mountain Auto Broker 466 Lancaster Rd. Whitefield, NH 03598

PHASE II ENVIRONMENTAL SITE ASSESSMENT 1733 Memorial Dr., Former South Main Accessories Site St. Johnsbury (Center), Vermont VT DEC Site #99-2664

Prepared by:

ATC Associates Inc.
15 East Main Street, P.O. Box 3
Richmond, Vermont

ATC Project #18944.00003

December 1999

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#### 1.0 INTRODUCTION

This report details the Phase II Environmental Site Assessment performed by ATC Associates Inc. (ATC) under contract with White Mountain Auto Broker at the former South Main Accessories Site at 1733 Memorial Drive in St. Johnsbury, Vermont (the site) (Figure 1). This work was performed pursuant to the August 25, 1999 ATC proposal for the site prepared by ATC. The proposal was approved by Mr. Chuck Schwer of the Vermont Department of Environmental Conservation (VT DEC) on October 19, 1999.

# 1.1 Previous Site Investigations

A 550-gallon #2 fuel oil tank located at the rear of the former South Main Accessories building was permanently closed by removal on October 5, 1999, please refer to ATC's report dated October 13, 1999 for details regarding the UST Closure. Due to elevated TPH levels (1,890 mg/kg) obtained from a composite soil sample from the bottom of the excavation, the VT DEC required further assessment of potential impacts to sensitive receptors on site.

# 2.0 MATERIALS, METHODS AND RESULTS

## 2.1 Sediment Sampling

On November 3, 1999 sediment samples were collected at two locations from the edge of the Passumpsic River to determine if the former UTS has impacted the river. The sediment samples were collected by ATC using a hand auger tool. The sediment borings extended to between 1 and 2 inches below ground surface (bgs). The locations of the two samples are shown on Figure 2, as S01and S02. S01 was located approximately 15 feet down river of the tank grave. S02 was located approximately 30 feet up river of the tank grave. Each sample was analyzed for VOCs via EPA Method 8260 (reporting EPA Method 8021B parameters) and Total Petroleum Hydrocarbons (TPH) via EPA Method 8015B. Sediment sample laboratory hardcopy results are included under Appendix A of this report.

# 2.2 IAQ Monitoring

On November 3, 1999 ATC screened the indoor air from the office portion of the building (southern addition to the structure) and the former service bay area for VOC's using a portable photo-ionization device (PID) HNu Model PI-101, calibrated to benzene by iso-butylene. PID readings indicated elevated levels of VOC's within the service bay area (up to 11.5 ppm). All PID readings from within the office area were ND (none detected). Please refer to Appendix B for a listing of all PID results obtained within the building.

ATC proceeded to collect an air sample from within the garage service bay area to be analyzed via EPA Method TO-01/TO-02. The TO-01/TO-02 sample (designated as sample #T03) was collected by ATC using a low volume air sampling pump at a flow rate of 118.6 ml/min for a total of 240 minutes. The location of the sample is shown on Figure 2. TO-01/TO-02 laboratory hardcopy results are included under Appendix A of this report.

# 3.0 CONCLUSIONS AND RECOMMENDATIONS

## 3.1 Sediment Sampling

No parameters above laboratory detection limits were identified in any of the sediment samples, indicting no significant impact to the Passumpsic River has occurred from the former UST(s) located on site.

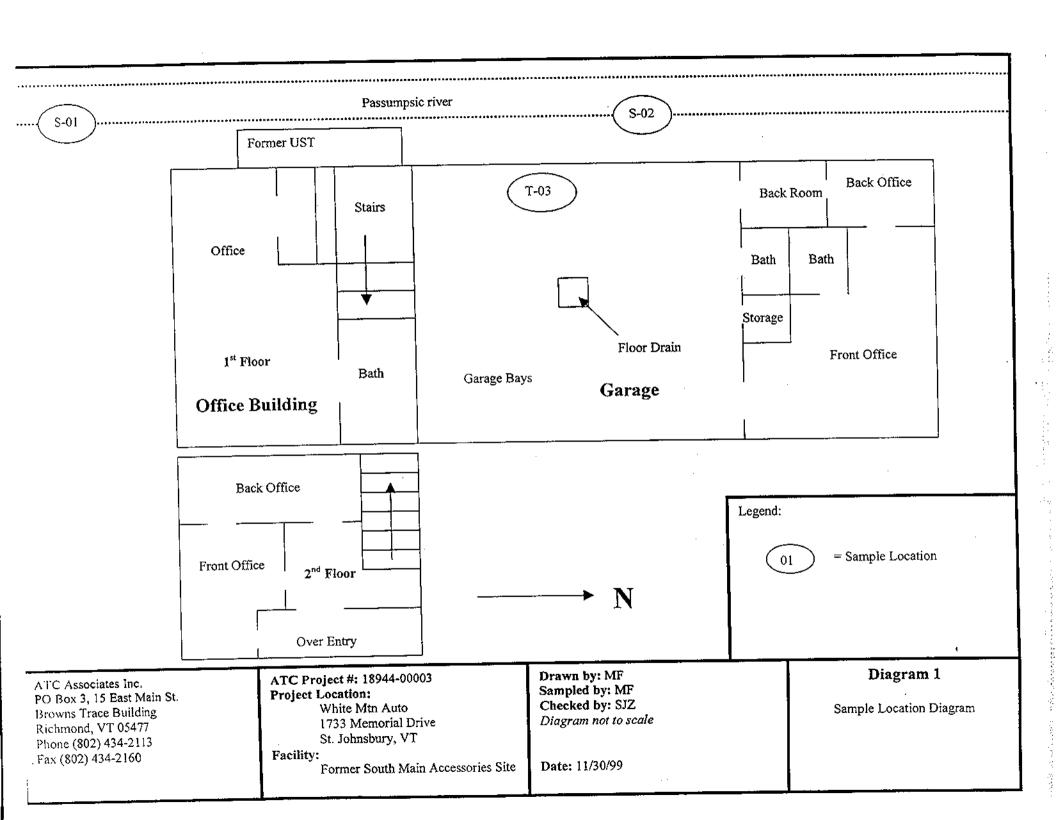
## 3.2 TO-02 IAQ Monitoring

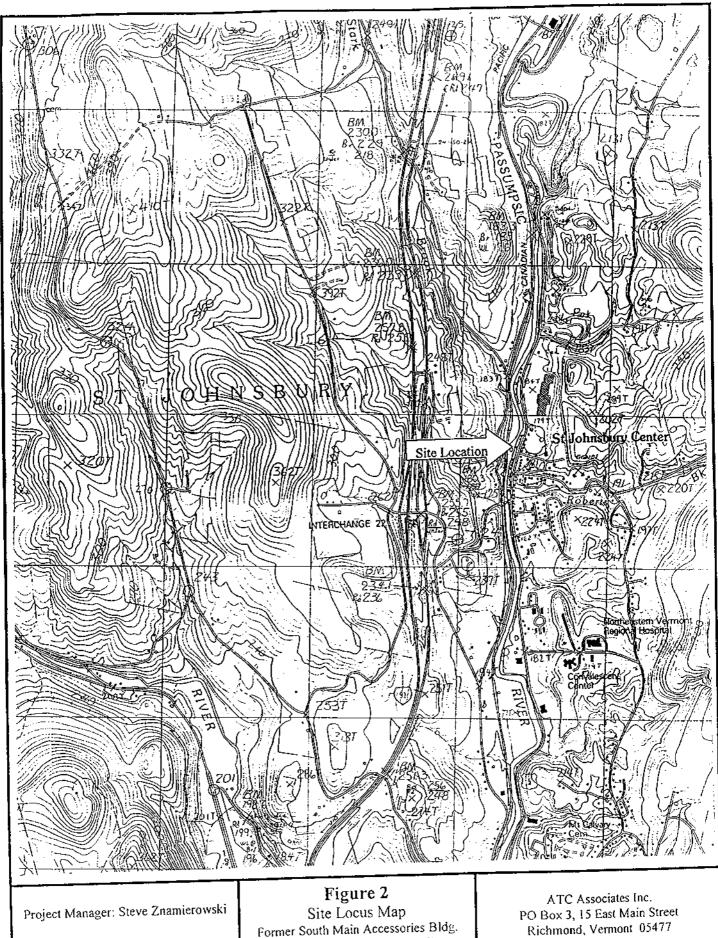
The TO-01/TO-02 sample indicted the presence of benzene, ethyl benzene, naphthalene, tetrachloroethene 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, toluene, xylenes and greater than 10 unidentified peaks. The compounds identified include compounds associated with fuel oil as well as compounds not typically associated with fuel oil.

The service garage floor has visual evidence of historical contamination typical of spills associated with vehicle repair. Because the attached office building PID levels were ND and VOCs were detected in the garage by PID and non fuel oil related VOCs were detected, it is most likely that the compounds identified by the TO-01/TO-02 sample are associated with past vehicle repair operations rather than the fuel oil UST. The following table indicates levels of contaminants identified in the TO-01/TO-02 sample and the corresponding EPA (Region III) Risk Based Concentration (RBC) levels:

Contaminant	Result ug/m3	Result ppb	VOSHA	OSHA	EPA RBC (ug/m3)
haurana	5.52	1.72	10 ppm	10 ppm	0.22
benzene	5.89	1.35	435 mg/m3	435 mg/m3	1100
ethyl benzene	10.1	1.92	50 mg/m3	50 mg/m3	3.3
naphthalene tetrachloromethene	1.79	0.261	12.6 mg/m3	100 ppm	3.1
1,2,4-	50.1	10.1	Not available	Not available	6.2
Trimethylbenzene  1,3,5-	12.8	2.58	Not available	Not available	6.2
Trimethylbenzene	18.0	4.76	375	200 ppm	420
Toluene xylenes	20.9	4.80	435 mg/m3	435 mg/m3	7300

# Figures



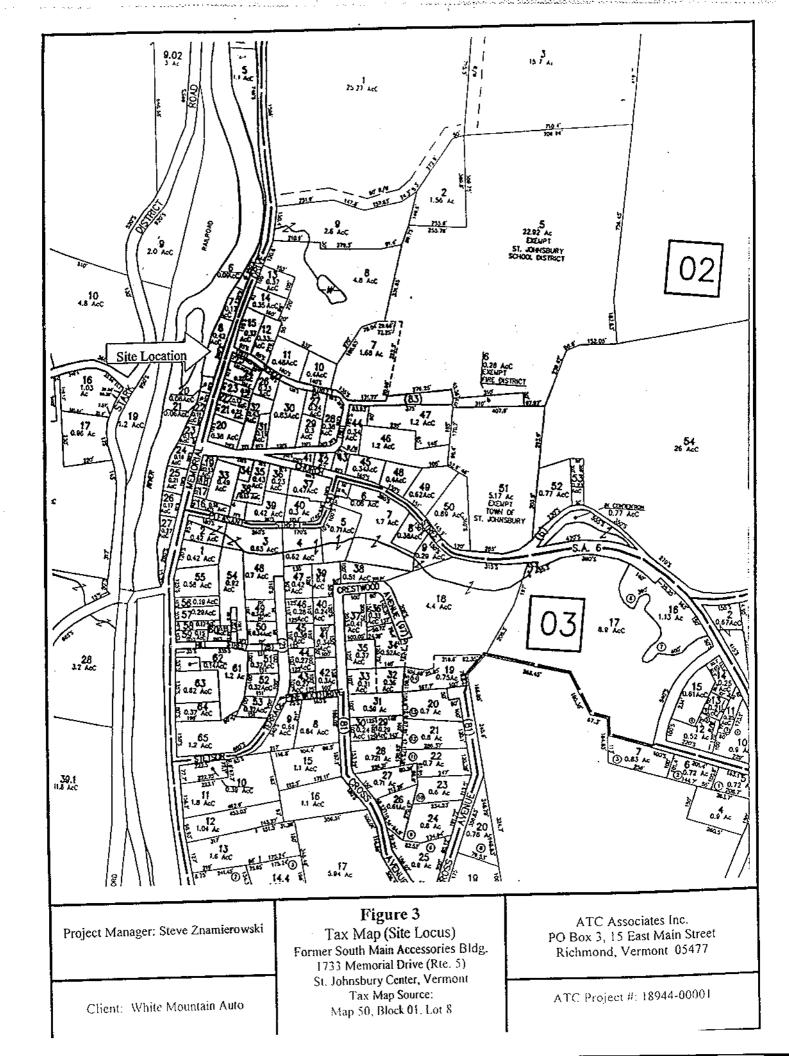


Client: White Mountain Auto

1733 Memorial Drive (Rte. 5) St. Johnsbury Center, Vermont USGS St. Johnsbury Quadrangle Scale 1:25,000

Richmond, Vermont 05477

ATC Project # 18944-00001



# Appendix A Laboratory Analytical Results



32 James Brown Drive Williston, Vermont 05495 (802) 879-4333 FAX 879-7103

#### LABORATORY REPORT

CLIENT: ATC Associates, Inc.

PROJECT: White Mtn. Auto

C Associates, inc.

REPORT DATE: November 12, 1999

**ORDER ID: 4801** 

DATE RECEIVED: November 4, 1999

Enclosed please find the results of the analyses performed for the samples referenced on the attached chain of custody. Different groups of analyses may be reported under separate cover.

All samples were prepared and analyzed by requirements outlined in the referenced methods and within the specified holding times.

All instrumentation was calibrated with the appropriate frequency and verified by the requirements outlined in the referenced methods.

Blank contamination was not observed at levels affecting the analytical results.

1/4/

Analytical method precision and accuracy was monitored by laboratory control standards which included matrix spike, duplicate and quality control analyses. These standards were determined to be within established laboratory method acceptance limits, unless otherwise noted.

Reviewed by,

11.

Harry B. Locker, Ph.D. Laboratory Director

enclosures



32 James Brown Drive Williston, Vermont 05495 (802) 879-4333 FAX 879-7103

#### LABORATORY REPORT

CLIENT: ATC Associates, Inc.

PROJECT: White Mtn. Auto

REPORT DATE: November 12, 1999

ORDER ID: 4801

DATE RECEIVED: November 4, 1999

SAMPLER: MF

ANALYST: 725

Ref. Number: 146978	Site: T-03 Inside Garage	Date Sampled: November 3, 1999 Time: NI						
<u>Parameter</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>	<u>Analysis Date</u>				
Benzene	1.72	ppb, v/v	EPA TO-1/TO-2	11/4/99				
Carbon Tetrachloride	< 0.140	ppb, v/v	EPA TO-1/TO-2	11/4/99				
Chlorobenzene	< 0.191	ppb, v/v	EPA TO-1/TO-2	11/4/99				
Chloroform	< 0.714	ppb, v/v	EPA TO-1/TO-2	11/4/99				
1,2 Dichloroethane	< 0.216	ppb, v/v	EPA TO-1/TO-2	11/4/99				
1,1 Dichloroethene	< 0.220	ppb, v/v	EPA TO-1/TO-2	11/4/99				
Ethyl Benzene	1.35	ppb, v/v	EPA TO-1/TO-2	11/4/99				
Methylene Chloride	< 1.00	ppb, v/v	EPA TO-1/TO-2	11/4/99				
Naphthalene	1.92	ppb, v/v	EPA TO-1/TO-2	11/4/99				
Tetrachloroethene	0.261	ppb, v/v	EPA TO-1/TO-2	11/4/99				
1,1,1-Trichloroethane	< 0.160	ppb, v/v	EPA TO-1/TO-2	11/4/99				
Trichloroethene	< 0.162	ppb, v/v	EPA TO-1/TO-2	11/4/99				
1,2,4-Trimethylbenzene	10.1*	ppb, v/v	EPA TO-1/TO-2	11/4/99				
1,3,5-Trimethylbenzene	2.58	ppb, v/v	EPA TO-1/TO-2	11/4/99				
Toluene	4.76	ppb, v/v	EPA TO-1/TO-2	11/4/99				
Xylenes, Total	4.80	ppb, v/v	EPA TO-1/TO-2	11/4/99				
UIP's	> 10.		EPA TO-1/TO-2	11/4/99				



32 James Brown Drive Williston, Vermont 05495 (802) 879-4333 FAX 879-7103

#### LABORATORY REPORT

CLIENT: ATC Associates, Inc.

**ORDER ID: 4801** 

PROJECT: White Mtn. Auto

DATE RECEIVED: November 4, 1999

REPORT DATE: December 7, 1999

Enclosed please find the results of the analyses performed for the samples referenced on the attached chain of custody. Different groups of analyses may be reported under separate cover.

All samples were prepared and analyzed by requirements outlined in the referenced methods and within the specified holding times.

All instrumentation was calibrated with the appropriate frequency and verified by the requirements outlined in the referenced methods.

Blank contamination was not observed at levels affecting the analytical results.

1/4/

Analytical method precision and accuracy was monitored by laboratory control standards which included matrix spike, duplicate and quality control analyses. These standards were determined to be within established laboratory method acceptance limits, unless otherwise noted.

Reported values are volume based concentrations at normal temperature and pressure (25°C; 760mm Hg). Sample volume was 28.464L, as per notation on chain of custody.

Asterisk in results column denotes the reported value exceeds the analytical calibration range.

Double asterisk in results column indicates value calculated based on the response of Toluene.

Reviewed by,

Harry B. Locker, Ph.D. Laboratory Director

enclosures



32 James Brown Drive Williston, Vermont 05495 (802) 879-4333 FAX 879-7103

#### LABORATORY REPORT

CLIENT: ATC Associates, Inc.

ORDER ID: 4801

PROJECT: White Mtn. Auto

DATE RECEIVED: November 4, 1999

REPORT DATE: December 7, 1999

SAMPLER: MF

ANALYST: 725

Ref. Number: 146978 Site: T-03 Inside Garage Date Sampled: November 3, 1999 Time: NI

Parameter Parameter	Result	<u>Units</u>	<u>Method</u>	Analysis Date
Benzene	5.52	ug/m3	EPA TO-1/TO-2	11/4/99
Carbon Tetrachloride	< 0.878	ug/m3	EPA TO-1/TO-2	11/4/99
Chlorobenzene	< 0.878	ug/m3	EPA TO-1/TO-2	11/4/99
Chloroform	< 3.51	ug/m3	EPA TO-1/TO-2	11/4/99
1,2 Dichloroethane	< 0.878	ug/m3	EPA TO-1/TO-2	11/4/99
1,1 Dichloroethene	< 0.878	ug/m3	EPA TO-1/TO-2	11/4/99
Ethyl Benzene	5.89	ug/m3	EPA TO-1/TO-2	11/4/99
Methylene Chloride	< 3.51	ug/m3	EPA TO-1/TO-2	11/4/99
Naphthalene	10.1	ug/m3	EPA TO-1/TO-2	11/4/99
Tetrachloroethene	1.79	ug/m3	EPA TO-1/TO-2	11/4/99
1,1,1-Trichloroethane	< 0.878	ug/m3	EPA TO-1/TO-2	11/4/99
Trichloroethene	< 0.878	ug/m3	EPA TO-1/TO-2	11/4/99
1,2,4-Trimethylbenzene	50.1*	ug/m3	EPA TO-1/TO-2	11/4/99
1,3,5-Trimethylbenzene	12.8	ug/m3	EPA TO-1/TO-2	11/4/99
Toluene	18.0	ug/m3	EPA TO-1/TO-2	11/4/99
Xylenes, Total	20.9	ug/m3	EPA TO-1/TO-2	11/4/99
UIP's	> 10	ug/m3	EPA TO-1/TO-2	11/4/99
TVPH	4,450.**	ug/m3	EPA TO-1/TO-2	11/4/99
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32 James Brown Drive Williston, Vermont 05495 (802) 879-4333

# CHAIN-OF-CUSTODY RECORD

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2	Culoride	7	Total P	-	12	TSS		17	Coliform (Spec	cify)	22	EPA 625 B/N or A	27	EPA 8010/802	0
3	Ammonia N	8	Total Diss. P	·	13	TDS		18	COD		23	EPA 418.1	28	EPA 8080 Pcs	/PCB
4	Niurite N	9	BOD,		14	Turbidity	7	19	BTEX		24	EPA 608 Pest/PCB			-
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32 James Brown Drive Williston, Vermont 05495 (802) 879-4333 FAX 879-7103

#### LABORATORY REPORT

CLIENT: ATC Associates, Inc.

ORDER ID: 4801

PROJECT: White Mtn. Auto

DATE RECEIVED: November 4, 1999

REPORT DATE: November 12, 1999

Enclosed please find the results of the analyses performed for the samples referenced on the attached chain of custody. Different groups of analyses may be reported under separate cover.

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1/4/

Analytical method precision and accuracy was monitored by laboratory control standards which included matrix spike, duplicate and quality control analyses. These standards were determined to be within established laboratory method acceptance limits, unless otherwise noted.

Reviewed by,

Harry B. Locker, Ph.D. Laboratory Director

enclosures



32 James Brown Drive Williston, Vermont 05495 (802) 879-4333 FAX 879-7103

## LABORATORY REPORT

CLIENT: ATC Associates, Inc.

PROJECT: White Mtn. Auto

REPORT DATE: November 12, 1999

ORDER ID: 4801

DATE RECEIVED: November 4, 1999

SAMPLER: MF

ANALYST: 725

Ref. Number: 146976	Site: S-01 River Down	<u>_</u>	Date Sampled: Novembe	r 3, 1999 Time: N
aramete <u>r</u>	Result	<u>Unit</u>	<u>Method</u>	Analysis Date
,2,4 Trimethyl Benzene	< 10.0	ug/kg, dry	SW 8260	11/9/99
,3,5 Trimethyl Benzene	< 10.0	ug/kg, dry	SW 8260	11/9/99
Senzene	< 10.0	ug/kg, dry	SW 8260	11/9/99
Ethylbenzene	< 10.0	ug/kg, dry	SW 8260	11/9/99
итве Итве	< 20.0	ug/kg, dry	SW 8260	11/9/99
Naphthalene	< 50.0	ug/kg, dry	SW 8260	11/9/99
Percent Solid	81.	%	SW 8260	11/9/99
Surrogate 1	104.%	%	SW 8260	11/9/99
Coluene	< 10.0	ug/kg, dry	SW 8260	11/9/99
JIP's	0.		SW 8260	11/9/99
	< 20.0	ug/kg, dry	SW 8260	11/9/99
Xylenes, Total	720.0			
	Site: S-02 River Up		Date Sampled: Novembe	r 3, 1999 Time: N
Ref. Number: 146977			Date Sampled: Novembe	
Ref. Number: 146977 Parameter	Site: S-02 River Up  Result	<u>Unit</u>		· · · · · · · · · · · · · · · · · · ·
Ref. Number: 146977  Parameter  1,2,4 Trimethyl Benzene	Site: S-02 River Up	1	Method	Analysis Date
Ref. Number: 146977  Carameter  ,2,4 Trimethyl Benzene ,3,5 Trimethyl Benzene	Site: S-02 River Up  Result  < 10.0	<u>Unit</u> ug/kg, dry	Method SW 8260	Analysis Date
Ref. Number: 146977  Carameter  ,2,4 Trimethyl Benzene ,3,5 Trimethyl Benzene Benzene	Site: S-02 River Up  Result  < 10.0  < 10.0	Unit ug/kg, dry ug/kg, dry	Method SW 8260 SW 8260	<u>Analysis Date</u> 11/9/99 11/9/99
Ref. Number: 146977  Carameter ,2,4 Trimethyl Benzene ,3,5 Trimethyl Benzene Benzene Ethylbenzene	Site: S-02 River Up  Result < 10.0 < 10.0 < 10.0	Unit ug/kg, dry ug/kg, dry ug/kg, dry	Method SW 8260 SW 8260 SW 8260	Analysis Date 11/9/99 11/9/99 11/9/99
Ref. Number: 146977  Parameter ,2,4 Trimethyl Benzene ,3,5 Trimethyl Benzene Benzene Ethylbenzene MTBE	Site: S-02 River Up  Result < 10.0 < 10.0 < 10.0 < 10.0 < 10.0	Unit  ug/kg, dry  ug/kg, dry  ug/kg, dry  ug/kg, dry	Method SW 8260 SW 8260 SW 8260 SW 8260	Analysis Date 11/9/99 11/9/99 11/9/99 11/9/99
tef. Number: 146977  tarameter ,2,4 Trimethyl Benzene ,3,5 Trimethyl Benzene tenzene thylbenzene thylbenzene taphthalene	Site: S-02 River Up  Result < 10.0 < 10.0 < 10.0 < 10.0 < 20.0	Unit  ug/kg, dry  ug/kg, dry  ug/kg, dry  ug/kg, dry  ug/kg, dry	Method SW 8260 SW 8260 SW 8260 SW 8260 SW 8260	Analysis Date 11/9/99 11/9/99 11/9/99 11/9/99 11/9/99 11/9/99
ef. Number: 146977  arameter ,2,4 Trimethyl Benzene ,3,5 Trimethyl Benzene enzene thylbenzene fTBE faphthalene ercent Solid	Site: S-02 River Up  Result < 10.0 < 10.0 < 10.0 < 10.0 < 20.0 < 50.0	Unit  ug/kg, dry  ug/kg, dry  ug/kg, dry  ug/kg, dry  ug/kg, dry  ug/kg, dry	Method SW 8260 SW 8260 SW 8260 SW 8260 SW 8260	Analysis Date 11/9/99 11/9/99 11/9/99 11/9/99 11/9/99 11/9/99
arameter ,2,4 Trimethyl Benzene ,3,5 Trimethyl Benzene denzene othylbenzene dTBE daphthalene dercent Solid durrogate 1	Site: S-02 River Up  Result < 10.0 < 10.0 < 10.0 < 10.0 < 20.0 < 50.0 68.	Unit  ug/kg, dry  ug/kg, dry  ug/kg, dry  ug/kg, dry  ug/kg, dry  ug/kg, dry	Method SW 8260 SW 8260 SW 8260 SW 8260 SW 8260 SW 8260	Analysis Date 11/9/99 11/9/99 11/9/99 11/9/99 11/9/99 11/9/99 11/9/99
Tef. Number: 146977  Sarameter  ,2,4 Trimethyl Benzene ,3,5 Trimethyl Benzene Benzene Ethylbenzene	Site: S-02 River Up  Result < 10.0 < 10.0 < 10.0 < 10.0 < 20.0 < 50.0 68. 103.%	Unit  ug/kg, dry  ug/kg, dry  ug/kg, dry  ug/kg, dry  ug/kg, dry  ug/kg, dry  ug/kg, dry	Method SW 8260	Analysis Date 11/9/99 11/9/99 11/9/99 11/9/99 11/9/99 11/9/99

32 James Brown Drive Williston, Vermont 05495 (802) 879-4333

# CHAIN-OF-CUSTODY RECORD

Project Na Site Local	ame: WHITE tion: ST, JOHA	MT 1SBU	N. AUTO	- 1 1	Reporting Address: ATC ASSOCIATES PIO, BOX 3 RICHMOND, VT PIO, BOX 3 KICHMOND, VT											
Endyne P	roject Number:	4	1801	C	Company: ATC ASSOCITED 434 Sampler Name: MARK FULLER Phone #: MARK FULLER 2113 Phone #: 43 4 - 2113								2			
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New York	State Project: Yes	No	<u> </u>				Requested	Anal	yses	<u> </u>						
1 1	ж	6	TKN		11	Total Seli	d <b>s</b>	16	Metals (Specif	у)	21	EPA 624	26	F	PA 8270 B/N or	Acid
2 (	Chloride	ide 7 Total P			12	TSS		17	Coliform (Spec	cify)	22	EPA 625 B/N or A	27	I	PA 8010/8020	
3 ,	Ammonia N	ia N 8 Total Diss. P			13	TDS		18	COD		23	EPA 418.1	28	1	PA 8080 Pest/PC	TB
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	TCLP (Specify: volatiles, semi	OZ		herbicides)	5N	<del></del>	JR 5	01 6	502-			<u> </u>		<u> </u>	<del></del>	
30	Other (Specify):	<u></u>	-1 1/ 4			، اک	<u> </u>	-	- /							



32 James Brown Drive Williston, Vermont 05495 (802) 879-4333 FAX 879-7103

#### LABORATORY REPORT

CLIENT: ATC Associates, Inc.

ORDER ID: 4801

PROJECT: White Mtn. Auto

DATE RECEIVED: November 4, 1999

REPORT DATE: November 12, 1999

Enclosed please find the results of the analyses performed for the samples referenced on the attached chain of custody. Different groups of analyses may be reported under separate cover.

All samples were prepared and analyzed by requirements outlined in the referenced methods and within the specified holding times.

All instrumentation was calibrated with the appropriate frequency and verified by the requirements outlined in the referenced methods.

Blank contamination was not observed at levels affecting the analytical results.

Mul

Analytical method precision and accuracy was monitored by laboratory control standards which included matrix spike, duplicate and quality control analyses. These standards were determined to be within established laboratory method acceptance limits, unless otherwise noted.

Reviewed by,

Harry B. Locker, Ph.D. Laboratory Director

enclosures



32 James Brown Drive Williston, Vermont 05495 (802) 879-4333 FAX 879-7103

#### LABORATORY REPORT

CLIENT: ATC Associates, Inc.

ORDER ID: 4801

PROJECT: White Mtn. Auto REPORT DATE: November 12, 1999 DATE RECEIVED: November 4, 1999

SAMPLER: MF

ANALYST: 725

Ref. Number: 146976	Site: S-01 River Down		Date Sampled: November 3, 1999 Time: NI					
Parameter TPH 8015 GRO	Result < 1.0	<u>Unit</u> mg/Kg	<u>Method</u> SW 8015B	Analysis Date 11/9/99				
Ref. Number: 146977	Site: S-02 River Up		Date Sampled: November 3, 1999 Time: NI					
Parameter TPH 8015 GRO	Result	<u>Unit</u> mg/Kg	Method SW 8015B	Analysis Date 11/9/99				

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## CHAIN-OF-CUSTODY RECORD

Site Loca	ame: WHITE tion: GT, JOHA Project Number:	N. AUTO MAY, UT		Compan	βογ y: A=	S RICH C AS: hone #: MA	MON	MES ON	434 243		g Address: AT( 1804 3 K ler Name: MA 2#: 434-	1CHM RK	FLLER		
Lab#	Sample	e Locatio		Matrix	G R A B	C O M	Date/Time	Samp No.	le Containers Type/Size			ilts/Remarks	Analysi Require	9040 0000   04080080 BUD. 20008800	Rush
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Relinquis	hed by: Signature	(			Receive	l by: Signa	ature		V		Date/	l'ime			
New York	State Project: Yes	No	$\overline{\Delta}$	•			Requeste	d Analy	/ses						
1	рН	6	TKN		11	Total Soli	ds	16	Metals (Specif	у)	21	EPA 624	26	EPA 8270 B/N or	Acid
2	Chloride	7	Total P		12	TSS		17	Coliform (Spe	cify)	22	EPA 625 B/N or A	27	EPA 8010/8020	_
3	Ammonia N	8	Total Diss. P		13	TDS		18	COD		23	EPA 418.1	28	EPA 8080 Pest/PC	:B
4	Nitrite N	9	BOD,		14	Turbidity		19	BTEX		24	EPA 608 Pen/PCB			
5	Nitrate N	10	Alkalinity		15	Conductiv	rity	20	EPA 601/602		25	EPA 8240			
29	TCLP (Specify: volatiles, sen				<del>:</del>	<del>/</del>	<del></del>	<del>,,,</del>	<del></del>					<u> </u>	
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# Appendix B

# PID Results





# Environmental, Geotechnical and Materials Professionals

AIR SEEL SAMPLE HEADSPACE LOG

Page: \_1\_ of \_1\_

Logged by: MARK FULLER Date: Nov. 3, 99

Project No.: 18944 - 00003

Site: Rt 5 ST. JOHNSBURY, VT

Client: WHITE MOUNTAIN AUTO

Sample #	Location	Expan	Reading	Odor	Soil Description
(HS-00)		BLDG.	(ppm)		NoTES
H5-01	MIDDLE OF ROOM, OFFICE	OFFICE	.0	No	
	BALL WALL (BY RIVER)	11	0	n	<u></u>
	BALIC WALL (BY STAIRS)	11	0	11	
HS-04	BATH ROOM	11	0	ц	
HS-05	TOP OF STAIRS LANDING	М	0	16	
H3-06	BACK OFFICE, WALL	ιι	0	· (ı	
	2000 12002	u	0	ч	
HS-08	ABOVE ENTRY	14	0	11	· .
HS-09	FRONT OFFICE  2ND FLOOD  ABOVE ENTRY  2ND FLOOR  ATTIC ABOVE GARAGE	u	0	1(	
	ENTRY DOOR TO GARAGE	GARAGE	1.0	11	
	MIDDLE OF YALLAGE DEANN	11	2.0	Sugar	BACK. GROWI)
Sls -12	5. 0 80. 1	11	3,2	ц	
HS-13	BACK CORNER BY SHED HOUSING OIL TANK	11	2.2	11	
H3-14	BACK CORNER BY SHED HOUSING OIL TANK HOVE IN FLOOR, BACK WALL BY WATER METER BACK WALL BY AIR VENT	'11	11.5	1)	
HS-15	BACK WALL BY	ч	1.0	No	
H5-16	IN FLOTE	ч	0.8	ц	
H3-17	CRACK IN FLOOR IN MIDDLE OF GARAGE	11	1.2	<u>I(</u>	
H3-18	BATHLOOM IN GARAGE	11	0.6	11	
HS-19	FRANT OFFICE	Į.	ط0	11	
H5-20	BACK OFFICE	1,	0.6	11	